

Form PTO-1449

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APPLICATION NO.
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APPLICANT
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FILING DATE
July 29, 2003

GROUP	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
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U.S. PATENT DOCUMENTS

[illegible]

FOREIGN PATENT DOCUMENTS

	Office	DOCUMENT NUMBER	Kind	DATE	COUNTRY	CLASS	SUB CLASS	TRANSLATION	
								YES	NO
0A	JP	7-165998	A	1995-06-27	JAPAN			ABS	
	JP	7-166026	A	1995-06-27	JAPAN			ABS	
	JP	4-28740	A	1992-01-31	JAPAN			ABS	
	JP	4-28739	A	1992-01-31	JAPAN			ABS	
	JP	5-320471	A	1993-12-03	JAPAN			ABS	
	JP	4-183748	A	1992-06-30	JAPAN			ABS	
	JP	3-72512	A	1991-03-27	JAPAN			ABS	
	JP	63-225642	A	1988-09-20	JAPAN			ABS	
	JP	63-113058	A	1988-05-18	JAPAN			ABS	
0B	EP	0115712	A1	1984-08-15	EUROPE			ABS	

OTHER DOCUMENTS

OTHER DOCUMENTS (Include Name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published.)

EXAMINER

Alfred Asinowski,

DATE CONSIDERED

May 19, 2004

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